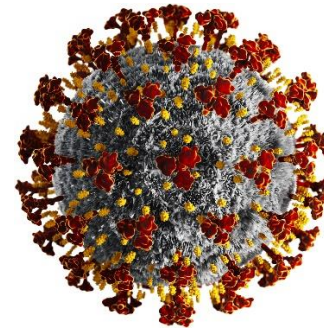


MACHEREY-NAGEL's latest references for Covid-19 and viral nucleic acid isolation



To help you fighting the current Covid-19 pandemic, we summarized some recent articles related to viral RNA/DNA Isolation

SARS-CoV-2 related publications

Featured Product	Application	Author	Article	Year	Journal
NucleoSpin® RNA Virus	SARS-CoV-2 RNA isolation	Hoffmann et al.	SARS-CoV-2 Cell Entry Depends on ACE2 andTMPRSS2 and Is Blocked by a Clinically ProvenProtease Inhibitor	2020	Cell
	SARS-CoV-2 RNA isolation	Klopfenstein et. al.	Features of anosmia in COVID-19	2020	Médecine et Maladies Infectieuses
	SARS-CoV-2 RNA isolation	Grillet et al.	Acute Pulmonary Embolism Associated with COVID-19 Pneumonia Detected by Pulmonary CT Angiography	2020	Radiology
	SARS-CoV-2 RNA isolation	Randazzo et al.	SARS-CoV-2 RNA titers in wastewater anticipated COVID-19 occurrence in a low prevalence area	2020	BioRxiv
	SARS-CoV-2-RNA isolation	Toptan et al.	Optimized qRT-PCR approach for the detection of intra- and extracellular SARS-CoV-2 RNAs	2020	BioRxiv
NucleoSpin® DX Virus	SARS-CoV-2 RNA isolation	Lescure et al.	Clinical and virological data of the first cases of COVID-19 in Europe: a case series	2020	The Lancet Infectious Diseases
	SARS-CoV-2 RNA isolation	Gámbaro et. al.	Introductions and early spread of SARS-CoV-2 in France	2020	BioRxiv
NucleoSpin® Virus	SARS-CoV-2 RNA isolation	Nelson et al.	Analytical Validation of a COVID-19 qRT-PCR Detection Assay Using a 384-well Format and Three Extraction Methods	2020	BioRxiv
	SARS-CoV-2 RNA isolation	Rodon et al.	Search for SARS-CoV-2 inhibitors in currently approved drugs to tackle COVID-19 pandemia	2020	BioRxiv

Isolation of viral RNA

Featured Product	Application	Author	Article	Year	Journal
NucleoSpin® RNA Virus	RNA isolation from SARS-coronavirus species	Niemeyer et al.	The papain-like protease determines a virulence trait that varies among members of the SARS-coronavirus species	2018	PLOS Pathogens
NucleoSpin® DX Virus/NucleoSpin® RNA	Viral RNA isolation	Poissy et al.	Kinetics and pattern of viral excretion in biological specimens of two MERS-CoV cases	2014	Journal of Clinical Virology
NucleoSpin® RNA Virus	Viral RNA from nasal and rectal swabs	Vergara-Alert et al.	Livestock Susceptibility to Infection with Middle East Respiratory Syndrome Coronavirus	2017	Emerging Infectious Diseases
NucleoMag® Vet	Viral RNA from apical washes	Holwerda et al.	Determining the Replication Kinetics and Cellular Tropism of Influenza D Virus on Primary Well-Differentiated Human Airway Epithelial Cells	2019	Viruses
NucleoMag® 96 Virus	Viral RNA from viscera	Moreno et al.	Detection and full genome characterization of two beta CoV viruses related to Middle East respiratory syndrome from bats in Italy	2017	Virology Journal

Viral RNA from environmental samples

Featured Product	Application	Author	Article	Year	Journal
NucleoSpin® Soil	Viral DNA isolation from sediments	Alfano et al.	Non-invasive surveys of mammalian viruses using environmental DNA	2020	BioRxiv

Technical support

For further information on the use of MACHEREY-NAGEL kits with environmental samples get in touch with our technical support team tech-bio@mn-net.com.

Thank you for your interest in MACHEREY-NAGEL products!

